

**USEPA/WDNR Lower Fox River PCB Project**

**Long Term Chemical Monitoring Schedule**

**September 2, 2022 DRAFT**

This table identifies the USEPA/SDNR requirements regarding when monitoring functions are to be completed, e.g., caps, fish tissue, etc. If an Operable Unit is completed earlier or later than expected then the USEPA/WDNR will revise this monitoring schedule.

Calendar Year	EPA 5 Year Report	OU1 Fish, and Water (Construction Completed 2009)	OU2 Fish, Water, and MNR Sediment (Construction Completed 2009)	OU3 Fish, Water, and Isolation-Layer (Construction Completed 2011)	OU4 Fish, Water, and Isolation-Layer (Construction Completed 2020)	OU5 Fish, Water, and MNR Sediment (Construction Completed Upstream 2020)	Calendar Year	
2009	Yes						2009	
2010		Fish Tissue-OU1-Year 0 Water-OU1-Year 0					2010	
2012		Fish Tissue-OU1-Year 2 Water-OU1-Year 2	Fish Tissue-OU2-Year 0 Water-OU2-Year 0 MNR Sediment-OU2-Year 0	Fish Tissue-OU3-Year 0 Water-OU3-Year 0 Isolation-Layer-OU3-Year 0			2012	
2014	Yes		Fish Tissue-OU2-Year 2 Water-OU2-Year 2 MNR Sediment-OU2-Year 2	Fish Tissue-OU3-Year 2 Water-OU3-Year 2 Isolation-Layer-OU3-Year 2			2014	
2018		Fish Tissue-OU1-Year 8 Water-OU1-Year 8	Fish Tissue-OU2-Year 6 Water-OU2-Year 6 MNR Sediment-OU2-Year 6	Fish Tissue-OU3-Year 6 Water-OU3-Year 6 Isolation-Layer-OU3-Year 6			2018	
2019	Yes						2019	
2021					Fish Tissue-OU4-Year 0 Water-OU4-Year 0 Isolation-Layer-OU4-Year 0	Fish Tissue-OU5-Year 0 Water-OU5-Year 0 MNR Sediment-OU5-Year 0	2021	
2022		Fish Tissue-OU1-Year 12 Water-OU1-Year 12	Fish Tissue-OU2-Year 10 Water-OU2-Year 10 MNR Sediment-OU2-Year 10	Fish Tissue-OU3-Year 10 Water-OU3-Year 10 <del>Isolation Layer-OU3-Year 10</del> (Note 1)	Fish Tissue-OU4-Year 1 Water-OU4-Year 1 <del>Isolation Layer-OU4-Year 1</del> (Note 2)	Fish Tissue-OU5-Year 1 Water-OU5-Year 1 <del>MNR Sediment-OU5-Year 1</del> (Note 3)	2022	
2024	Yes						2024	
2027		Fish Tissue-OU1-Year 17 Water-OU1-Year 17	Fish Tissue-OU2-Year 15 Water-OU2-Year 15 MNR Sediment-OU2-Year 15	Fish Tissue-OU3-Year 15 Water-OU3-Year 15 <del>Isolation Layer-OU3-Year 15</del> (Note 1)	Fish Tissue-OU4-Year 6 Water-OU4-Year 6 Isolation-Layer-OU4-Year 6	Fish Tissue-OU5-Year 6 Water-OU5-Year 6 MNR Sediment-OU5-Year 6	2027	
2029	Yes						2029	
2032		Fish Tissue-OU1-Year 22 Water-OU1-Year 22	Fish Tissue-OU2-Year 20 Water-OU2-Year 20 MNR Sediment-OU2-Year 20	Fish Tissue-OU3-Year 20 Water-OU3-Year 20 <del>Isolation Layer-OU3-Year 20</del> (Note 1)	3Fish Tissue-OU4-Year 11 Water-OU4-Year 11 Isolation-Layer-OU4-Year 11	Fish Tissue-OU5-Year 11 Water-OU5-Year 11 MNR Sediment-OU5-Year 11	2032	
2034	Yes						2034	
2037		Fish Tissue-OU1-Year 27 Water-OU1-Year 27	Fish Tissue-OU2-Year 25 Water-OU2-Year 25 MNR Sediment-OU2-Year 25	Fish Tissue-OU3-Year 25 Water-OU3-Year 25 <del>Isolation Layer-OU3-Year 25</del> (Note 1)	Fish Tissue-OU4-Year 16 Water-OU4-Year 16 Isolation-Layer-OU4-Year 16	Fish Tissue-OU5-Year 16 Water-OU5-Year 16 MNR Sediment-OU5-Year 16	2037	
2039	Yes						2039	
2042		Fish Tissue-OU1-Year 32 Water-OU1-Year 32	Fish Tissue-OU2-Year 30 Water-OU2-Year 30 MNR Sediment-OU2-Year 30	Fish Tissue-OU3-Year 30 Water-OU3-Year 30 <del>Isolation Layer-OU3-Year 30</del> (Note 1)	Fish Tissue-OU4-Year 21 Water-OU4-Year 21 Isolation-Layer-OU4-Year 21	Fish Tissue-OU5-Year 21 Water-OU5-Year 21 MNR Sediment-OU5-Year 21	2042	
2044	Yes						2044	
2047		<b>Repeat year 2042 monitoring for fish tissue, water, chemical isolation-layer, and monitored natural recovery sediment every five (5) years in perpetuity.</b>						2047
2049	Yes						2049	

Note 1: The RPs requested and the Agencies accepted that for OU3 and starting with monitoring year 2022, the LTMP "Isolation Layer" monitoring be discontinued.

Note 2: The RPs requested and the Agencies accepted that for OU4 and only for monitoring year 2022, the LTMP "Isolation Layer" monitoring be canceled.

Note 3: The RPs requested and the Agencies accepted that for OU5 and only for monitoring year 2022, the "MNR Sediment-OU5-Year 1" monitoring be canceled.

# USEPA/WDNR Lower Fox River PCB Project

## Long Term Cap Monitoring Schedule

September 2, 2022 DRAFT

This table identifies the USEPA/SDNR requirements regarding when monitoring functions are to be completed, e.g., caps, fish tissue, etc. If an Operable Unit is completed earlier or later than expected then the USEPA/WDNR will revise this monitoring schedule. Note: Cap Monitoring in OU2 is not required.								
Calendar Year	EPA 5 Year Report	OU1 Caps (Construction Completed 2009)	OU3 Caps (Construction Completed 2011)	OU4 Caps 2013 - 2014 (Construction Completed 2014)	OU4 Caps 2015 - 2017 (Construction Completed 2017)	OU4/OU5 Caps 2018 - 2020 (Construction Completed 2020)	Calendar Year	
2009	Yes						2009	
2010		Caps-OU1-Year 0 Note: Year zero for OU1 was the year after construction was completed.					2010	
2011		Caps-OU1-Year 1 Note: Bathymetric Survey Triggered in 2011 by 5 year recurrence flow rate in 2010.	Caps-OU3-Year 0				2011	
2012		Caps-OU1-Year 2 Note: Bathymetric Survey of cap waived for 2012 because of the 2011 Bathymetric Survey results for 5 year recurrence flow rate in 2010.					2012	
2014	Yes		Caps-OU3-Year 3	Caps-OU4-Year 0 (2013-2014)			2014	
2016				Caps-OU4-Year 2 (2013-2014)			2016	
2017					Caps-OU4-Year 0 (2015-2017)		2017	
2018		Caps-OU1-Year 8	Caps-OU3-Year 7	Caps-OU4-Year 4 (2013-2014)	Caps-OU4-Year 1 (2015-2017)		2018	
2019	Yes						2019	
2020						Caps-OU4/OU5-Year 0 (2018-2020)	2020	
2022		Caps-OU1-Year 12	Caps-OU3-Year 11	Caps-OU4-Year 8 (2013-2014)	Caps-OU4-Year 5 (2015-2017)	Caps-OU4/OU5-Year 2 (2018-2020)	2022	
2024	Yes						2024	
2027		Caps-OU1-Year 17	Caps-OU3-Year 16	Caps-OU4-Year 13 (2013-2014)	Caps-OU4-Year 10 (2015-2017)	Caps-OU4/OU5-Year 7 (2018-2020)	2027	
2029	Yes						2029	
2032		Caps-OU1-Year 22	Caps-OU3-Year 21	Caps-OU4-Year 18 (2013-2014)	Caps-OU4-Year 15 (2015-2017)	Caps-OU4/OU5-Year 12 (2018-2020)	2032	
2034	Yes						2034	
2037		Caps-OU1-Year 27	Caps-OU3-Year 26	Caps-OU4-Year 23 (2013-2014)	Caps-OU4-Year 20 (2015-2017)	Caps-OU4/OU5-Year 17 (2018-2020)	2037	
2039	Yes						2039	
2042		Caps-OU1-Year 32	Caps-OU3-Year 31	Caps-OU4-Year 28 (2013-2014)	Caps-OU4-Year 25 (2015-2017)	Caps-OU4/OU5-Year 22 (2018-2020)	2042	
2044	Yes						2044	
2047		Repeat year 2042 monitoring for Caps every five (5) years in perpetuity.						2047
2049	Yes						2049	